DUAL PURPOSE PCI-X DDR CONFIGURABLE TERMINATOR/DRIVER

ABSTRACT

A dual purpose PCI-X DDR configurable terminator/driver providing programmable termination of the interface in a PCI-X system a plurality of N-channel devices divided into at least two groups and a plurality of P-channel devices also divided into at least two groups. A driver control individually controls selected ones of the groups of N-channel and P-channel devices on or off for providing internal termination to the transmission line. The configurable PCI-X DDR driver/terminator is configurable in three termination modes: pull-up mode, pull-down mode, and symmetric mode.